

National Functional Guidelines Report # 4

14:41 Tue, Oct 28, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FQ2

Case 37947

Contract EPW05030

Region 9

DDTID 65386

SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FQ2 TMP-09R-25 Field_Sample Soil/Low 1 21 ug/Kg		Y4FQ3 TMP-09R-30 Field_Sample Soil/Low 1 16 ug/Kg		Y4FQ4 TMP-09R-35 Field_Sample Soil/Low 1 15 ug/Kg		Y4FQ5 TMP-09R-40 Field_Sample Soil/Low 1 19 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Dichlorodifluoromethane	5.8	U	5.1	U	7.2	U	6.4	U
Chloromethane	5.8	U	5.1	U	7.2	U	6.4	U
Vinyl chloride	5.8	U	5.1	U	7.2	U	6.4	U
Bromomethane	5.8	U	5.1	U	7.2	U	6.4	U
Chloroethane	5.8	U	5.1	U	7.2	U	6.4	U
Trichlorofluoromethane	5.8	U	5.1	U	7.2	U	6.4	U
1,1-Dichloroethene	5.8	U	5.1	U	7.2	U	6.4	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	5.1	U	7.2	U	6.4	U
Acetone	31		63		81		20	
Carbon disulfide	5.8	U	5.1	U	7.2	U	6.4	U
Methyl acetate	5.8	U	5.1	U	7.2	U	6.4	U
Methylene chloride	5.8	U	5.1	U	7.2	U	6.4	U
trans-1,2-Dichloroethene	5.8	U	5.1	U	7.2	U	6.4	U
Methyl tert-butyl ether	5.8	U	5.1	U	7.2	U	6.4	U
1,1-Dichloroethane	5.8	U	5.1	U	7.2	U	6.4	U
cis-1,2-Dichloroethene	5.8	U	5.1	U	7.2	U	6.4	U
2-Butanone	12	U	10	U	14	U	13	U
Bromochloromethane	5.8	U	5.1	U	7.2	U	6.4	U
Chloroform	5.8	U	5.1	U	7.2	U	6.4	U
1,1,1-Trichloroethane	5.8	U	5.1	U	7.2	U	6.4	U
Cyclohexane	5.8	U	5.1	U	7.2	U	6.4	U
Carbon tetrachloride	5.8	U	5.1	U	7.2	U	6.4	U
Benzene	5.8	U	5.1	U	7.2	U	6.4	U
1,2-Dichloroethane	5.8	U	5.1	U	7.2	U	6.4	U
1,4-Dioxane	120	R	100	R	140	R	130	R

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Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FQ2 TMP-09R-25 Field_Sample Soil/Low 1 21 ug/Kg		Y4FQ3 TMP-09R-30 Field_Sample Soil/Low 1 16 ug/Kg		Y4FQ4 TMP-09R-35 Field_Sample Soil/Low 1 15 ug/Kg		Y4FQ5 TMP-09R-40 Field_Sample Soil/Low 1 19 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Trichloroethene	5.8	U	5.1	U	7.2	U	6.4	U
Methylcyclohexane	5.8	U	5.1	U	7.2	U	6.4	U
1,2-Dichloropropane	5.8	U	5.1	U	7.2	U	6.4	U
Bromodichloromethane	5.8	U	5.1	U	7.2	U	6.4	U
cis-1,3-Dichloropropene	5.8	U	5.1	U	7.2	U	6.4	U
4-Methyl-2-pentanone	12	U	10	U	14	U	13	U
Toluene	5.8	U	5.1	U	7.2	U	6.4	U
trans-1,3-Dichloropropene	5.8	U	5.1	U	7.2	U	6.4	U
1,1,2-Trichloroethane	5.8	U	5.1	U	7.2	U	6.4	U
Tetrachloroethene	5.8	U	5.1	U	7.2	U	6.4	U
2-Hexanone	12	U	10	U	14	U	13	U
Dibromochloromethane	5.8	U	5.1	U	7.2	U	6.4	U
1,2-Dibromoethane	5.8	U	5.1	U	7.2	U	6.4	U
Chlorobenzene	5.8	U	5.1	U	7.2	U	6.4	U
Ethylbenzene	5.8	U	5.1	U	7.2	U	6.4	U
o-Xylene	5.8	U	5.1	U	7.2	U	6.4	U
m,p-Xylene	5.8	U	5.1	U	7.2	U	6.4	U
Styrene	5.8	U	5.1	U	7.2	U	6.4	U
Bromoform	5.8	U	5.1	U	7.2	U	6.4	U
Isopropylbenzene	5.8	U	5.1	U	7.2	U	6.4	U
1,1,2,2-Tetrachloroethane	5.8	U	5.1	U	7.2	U	6.4	U
1,3-Dichlorobenzene	5.8	U	5.1	U	7.2	U	6.4	U
1,4-Dichlorobenzene	5.8	U	5.1	U	7.2	U	6.4	U
1,2-Dichlorobenzene	5.8	U	5.1	U	7.2	U	6.4	U
1,2-Dibromo-3-chloropropane	5.8	U	5.1	U	7.2	U	6.4	U
1,2,4-Trichlorobenzene	5.8	U	5.1	U	7.2	U	6.4	U
1,2,3-Trichlorobenzene	5.8	U	5.1	U	7.2	U	6.4	U

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FQ2 TMP-09R-25 Field_Sample Soil/Low 1 21 ug/Kg		Y4FQ3 TMP-09R-30 Field_Sample Soil/Low 1 16 ug/Kg		Y4FQ4 TMP-09R-35 Field_Sample Soil/Low 1 15 ug/Kg		Y4FQ5 TMP-09R-40 Field_Sample Soil/Low 1 19 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Hexane	0.58	U	0.51	U	0.72	U	0.64	U
Isopropanol	29	R	26	R	36	R	32	R

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Case 37947

Contract EPW05030

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DDTID 65386

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SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FQ6 TMP-09R-45 Field_Sample Soil/Low 1 9 ug/Kg		Y4FQ7 TMP-09R-45X Field_Sample Soil/Low 1 9 ug/Kg		Y4FQ8 TMP-09R-50 Field_Sample Soil/Low 1 22 ug/Kg		Y4FQ9 TMP-09R-55 Field_Sample Soil/Low 1 15 ug/Kg		Y4FR0 TMP-09R-60 Field_Sample Soil/Low 1 16 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Dichlorodifluoromethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Chloromethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Vinyl chloride	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Bromomethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Chloroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Trichlorofluoromethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,1-Dichloroethene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Acetone	11		16		28		14		19	
Carbon disulfide	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Methyl acetate	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Methylene chloride	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
trans-1,2-Dichloroethene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Methyl tert-butyl ether	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,1-Dichloroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
cis-1,2-Dichloroethene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
2-Butanone	10	U	11	U	16	U	11	U	11	U
Bromochloromethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Chloroform	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,1,1-Trichloroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Cyclohexane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Carbon tetrachloride	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Benzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2-Dichloroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,4-Dioxane	100	R	110	R	160	R	110	R	110	R

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SOM01.2

Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FQ6 TMP-09R-45 Field_Sample Soil/Low 1 9 ug/Kg		Y4FQ7 TMP-09R-45X Field_Sample Soil/Low 1 9 ug/Kg		Y4FQ8 TMP-09R-50 Field_Sample Soil/Low 1 22 ug/Kg		Y4FQ9 TMP-09R-55 Field_Sample Soil/Low 1 15 ug/Kg		Y4FR0 TMP-09R-60 Field_Sample Soil/Low 1 16 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Trichloroethene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Methylcyclohexane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2-Dichloropropane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Bromodichloromethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
cis-1,3-Dichloropropene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
4-Methyl-2-pentanone	10	U	11	U	16	U	11	U	11	U
Toluene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
trans-1,3-Dichloropropene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,1,2-Trichloroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Tetrachloroethene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
2-Hexanone	10	U	11	U	16	U	11	U	11	U
Dibromochloromethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2-Dibromoethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Chlorobenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Ethylbenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
o-Xylene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
m,p-Xylene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Styrene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Bromoform	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
Isopropylbenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,1,2,2-Tetrachloroethane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,3-Dichlorobenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,4-Dichlorobenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2-Dichlorobenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2-Dibromo-3-chloropropane	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2,4-Trichlorobenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U
1,2,3-Trichlorobenzene	5.1	U	5.5	U	7.8	U	5.5	U	5.7	U

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Contract EPW05030

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SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FQ6 TMP-09R-45 Field_Sample Soil/Low 1 9 ug/Kg		Y4FQ7 TMP-09R-45X Field_Sample Soil/Low 1 9 ug/Kg		Y4FQ8 TMP-09R-50 Field_Sample Soil/Low 1 22 ug/Kg		Y4FQ9 TMP-09R-55 Field_Sample Soil/Low 1 15 ug/Kg		Y4FR0 TMP-09R-60 Field_Sample Soil/Low 1 16 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Hexane	0.51	U	0.55	U	0.78	U	0.55	U	0.57	U
Isopropanol	25	R	27	R	39	R	28	R	29	R

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FR1 TMP-09R-65 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR2 TMP-09R-70 Field_Sample Soil/Low 1 22 ug/Kg		Y4FR3 TMP-09R-75 Field_Sample Soil/Low 1 23 ug/Kg		Y4FR5 TMP-09R-80 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR6 TMP-09R-80X Field_Sample Soil/Low 1 25 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Dichlorodifluoromethane	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
Chloromethane	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
Vinyl chloride	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Bromomethane	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
Chloroethane	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
Trichlorofluoromethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,1-Dichloroethene	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Acetone	78		13	U	110		230		340	
Carbon disulfide	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
Methyl acetate	5.6	U	130		6.5	U	5.9	U	5.7	U
Methylene chloride	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
trans-1,2-Dichloroethene	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
Methyl tert-butyl ether	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,1-Dichloroethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
cis-1,2-Dichloroethene	5.6	U	6.4	R	6.5	U	5.9	U	5.7	U
2-Butanone	11	U	13	U	13	U	26		35	
Bromochloromethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Chloroform	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,1,1-Trichloroethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Cyclohexane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Carbon tetrachloride	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Benzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2-Dichloroethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,4-Dioxane	110	R	130	R	130	R	120	R	110	R

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VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FR1 TMP-09R-65 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR2 TMP-09R-70 Field_Sample Soil/Low 1 22 ug/Kg		Y4FR3 TMP-09R-75 Field_Sample Soil/Low 1 23 ug/Kg		Y4FR5 TMP-09R-80 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR6 TMP-09R-80X Field_Sample Soil/Low 1 25 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Trichloroethene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Methylcyclohexane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2-Dichloropropane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Bromodichloromethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
cis-1,3-Dichloropropene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
4-Methyl-2-pentanone	11	U	13	U	13	U	12	U	11	U
Toluene	5.6	U	2.7	J	6.5	U	5.9	U	5.7	U
trans-1,3-Dichloropropene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,1,2-Trichloroethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Tetrachloroethene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
2-Hexanone	11	U	13	U	13	U	12	U	11	U
Dibromochloromethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2-Dibromoethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Chlorobenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Ethylbenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
o-Xylene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
m,p-Xylene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Styrene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Bromoform	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
Isopropylbenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,1,2,2-Tetrachloroethane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,3-Dichlorobenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,4-Dichlorobenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2-Dichlorobenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2-Dibromo-3-chloropropane	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2,4-Trichlorobenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U
1,2,3-Trichlorobenzene	5.6	U	6.4	U	6.5	U	5.9	U	5.7	U

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FR1 TMP-09R-65 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR2 TMP-09R-70 Field_Sample Soil/Low 1 22 ug/Kg		Y4FR3 TMP-09R-75 Field_Sample Soil/Low 1 23 ug/Kg		Y4FR5 TMP-09R-80 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR6 TMP-09R-80X Field_Sample Soil/Low 1 25 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Hexane	0.56	U	0.64	R	0.65	U	0.59	U	0.57	U
Isopropanol	28	R	32	R	32	R	29	R	29	R

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FR7 TMP-09R-85 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR8 TMP-09R-95 Field_Sample Soil/Low 1 24 ug/Kg		Y4FR9 TMP-09R-100 Field_Sample Soil/Low 1 14 ug/Kg		Y4FS0 TMP-09R-105 Field_Sample Soil/Low 1 12 ug/Kg		Y4FS1 TMP-09R-110 Field_Sample Soil/Low 1 23 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Dichlorodifluoromethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Chloromethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Vinyl chloride	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Bromomethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Chloroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Trichlorofluoromethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,1-Dichloroethene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Acetone	23		73		11		14		16	
Carbon disulfide	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Methyl acetate	5.9	U	6.7	U	6.6		5.8	U	5.7	U
Methylene chloride	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
trans-1,2-Dichloroethene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Methyl tert-butyl ether	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,1-Dichloroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
cis-1,2-Dichloroethene	5.9	U	6.7	U	4.8	U	2.4	J	34	
2-Butanone	12	U	13	U	9.7	U	12	U	11	U
Bromochloromethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Chloroform	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,1,1-Trichloroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Cyclohexane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Carbon tetrachloride	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Benzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2-Dichloroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,4-Dioxane	120	R	130	R	97	R	120	R	110	R

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VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FR7 TMP-09R-85 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR8 TMP-09R-95 Field_Sample Soil/Low 1 24 ug/Kg		Y4FR9 TMP-09R-100 Field_Sample Soil/Low 1 14 ug/Kg		Y4FS0 TMP-09R-105 Field_Sample Soil/Low 1 12 ug/Kg		Y4FS1 TMP-09R-110 Field_Sample Soil/Low 1 23 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Trichloroethene	34		12		2.7	J	21		120	
Methylcyclohexane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2-Dichloropropane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Bromodichloromethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
cis-1,3-Dichloropropene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
4-Methyl-2-pentanone	12	U	13	U	9.7	U	12	U	11	U
Toluene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
trans-1,3-Dichloropropene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,1,2-Trichloroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Tetrachloroethene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
2-Hexanone	12	U	13	U	9.7	U	12	U	11	U
Dibromochloromethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2-Dibromoethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Chlorobenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Ethylbenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
o-Xylene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
m,p-Xylene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Styrene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Bromoform	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
Isopropylbenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,1,2,2-Tetrachloroethane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,3-Dichlorobenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,4-Dichlorobenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2-Dichlorobenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2-Dibromo-3-chloropropane	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2,4-Trichlorobenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U
1,2,3-Trichlorobenzene	5.9	U	6.7	U	4.8	U	5.8	U	5.7	U

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Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FR7 TMP-09R-85 Field_Sample Soil/Low 1 20 ug/Kg		Y4FR8 TMP-09R-95 Field_Sample Soil/Low 1 24 ug/Kg		Y4FR9 TMP-09R-100 Field_Sample Soil/Low 1 14 ug/Kg		Y4FS0 TMP-09R-105 Field_Sample Soil/Low 1 12 ug/Kg		Y4FS1 TMP-09R-110 Field_Sample Soil/Low 1 23 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Hexane	0.59	U	0.67	U	0.48	U	0.58	U	0.57	U
Isopropanol	29	R	34	R	24	R	29	R	28	R

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VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FS3 TMP-22R-25 Field_Sample Soil/Low 1 21 ug/Kg		VBLK5K Method_Blank Soil/Low 1 0 ug/Kg		VBLK5L Method_Blank Soil/Low 1 0 ug/Kg		VBLK5S Method_Blank Soil/Low 1 0 ug/Kg		VHBLK5S Storage_Blank Soil/Low 1 0 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Dichlorodifluoromethane	7.2	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	7.2	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	7.2	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	7.2	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	14	U	10	U	10	U	10	U	10	U
Carbon disulfide	7.2	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	14	U	10	U	10	U	10	U	10	U
Bromochloromethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	140	R	100	R	100	R	100	R	100	R

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Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FS3 TMP-22R-25 Field Sample Soil/Low 1 21 ug/Kg		VBLK5K Method_Blank Soil/Low 1 0 ug/Kg		VBLK5L Method_Blank Soil/Low 1 0 ug/Kg		VBLK5S Method_Blank Soil/Low 1 0 ug/Kg		VHBLK5S Storage_Blank Soil/Low 1 0 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Trichloroethene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylcyclohexane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	14	U	10	U	10	U	10	U	10	U
Toluene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloroethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	14	U	10	U	10	U	10	U	10	U
Dibromochloromethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	7.2	U	5.0	U	5.0	U	5.0	U	5.0	U

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FS3 TMP-22R-25 Field_Sample Soil/Low 1 21 ug/Kg		VBLK5K Method_Blank Soil/Low 1 0 ug/Kg		VBLK5L Method_Blank Soil/Low 1 0 ug/Kg		VBLK5S Method_Blank Soil/Low 1 0 ug/Kg		VHBLK5S Storage_Blank Soil/Low 1 0 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result						
Hexane	0.72	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Isopropanol	36	R	25	R	25	R	25	R	25	R